

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2338	harvey-min\$.xp.	US-PGPUB; USPAT	OR	ON	2011/01/28 14:30
L2	5	1 and parametric with (speaker transducer loudspeaker)	US-PGPUB; USPAT	OR	ON	2011/01/28 14:30
L3	1	"20010055397".pn.	US-PGPUB; USPAT	OR	ON	2011/01/28 14:31
L4	1	3 and directional	US-PGPUB; USPAT	OR	ON	2011/01/28 14:36
L5	1	("4823908").PN.	USPAT; USOCR	OR	OFF	2011/01/28 14:37
L6	1242	virtual with (headphone headset earphone (head ear) adj (phone set))	US-PGPUB; USPAT	OR	ON	2011/01/28 14:48
L7	33618	(ultrasonic ultra adj sonic parametric) with (speaker loudspeaker transducer)	US-PGPUB; USPAT	OR	ON	2011/01/28 14:48
L8	11	6 same 7	US-PGPUB; USPAT	OR	ON	2011/01/28 14:48
L9	214	virtual with (headphone headset earphone (head ear) adj (phone set))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/28 14:58
L10	21441	(ultrasonic ultra adj sonic parametric) with (speaker loudspeaker transducer)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/28 14:58
L11	3	9 and 10	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/28 14:58
L12	70	10 and ear	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/28 14:59
L13	262	ear same 7	US-PGPUB; USPAT	OR	ON	2011/01/28 15:13
L14	1	("5859915").PN.	USPAT; USOCR	OR	OFF	2011/01/28 15:16

L15	26	("1616639" "4823908" "4908805" "5357578" "5889870"). PN. OR ("6229899"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 15:32
L16	9	("1616639" "3612211" "4256922" "4823908" "5889870" "6229899").PN. OR ("7298853").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 15:35
L17	11	("3612211" "4823908" "5889870" "6229899").PN. OR ("6577738").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 15:37
L18	60	("1616639" "1951669" "2461344" "3012222" "3398810" "3461421" "3612211" "3613069" "3710332" "3723957" "3742433" "3836951" "4207571" "4245136" "4378596" "4593160" "4823908" "4991148" "5181301" "5317543" "5357578").PN. OR ("5859915").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 15:40
L19	46	((("1,616,639") or ("1,764,008") or ("1,799,053") or ("1,809,754") or ("1,951,669") or ("1,983,377") or ("2,461,344") or ("2,855,467") or ("2,872,532") or ("2,935,575") or ("2,975,243") or ("2,975,307") or ("3,008,013") or ("3,012,222") or ("3,136,867") or ("3,345,469") or ("3,373,251") or ("3,389,226") or ("3,398,810") or ("3,461,421") or ("3,544,733") or ("3,612,211") or ("3,613,069") or ("3,654,403") or ("3,674,946"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 16:26

L20	30	(("3,710,332") or ("3,723,957") or ("3,742,433") or ("3,787,642") or ("3,821,490") or ("3,829,623") or ("3,833,771") or ("3,836,951") or ("3,892,927") or ("3,919,499") or ("3,941,946") or ("3,997,739") or ("4,015,089") or ("4,056,742") or ("4,064,375") or ("4,160,882") or ("4,207,571") or ("4,210,786") or ("4,242,541") or ("4,245,136") or ("4,284,921") or ("4,289,936") or ("4,295,214") or ("4,322,877") or ("4,378,596") or ("4,385,210") or ("4,418,404") or ("4,419,545") or ("4,429,193")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 16:30
L21	29	(("4,434,327") or ("4,439,642") or ("4,471,172") or ("4,480,155") or ("4,550,228") or ("4,558,184") or ("4,593,160") or ("4,593,567") or ("4,600,891") or ("4,672,591") or ("4,695,986") or ("4,751,419") or ("4,784,915") or ("4,803,733") or ("4,823,908") or ("4,837,838") or ("4,885,781") or ("4,887,246") or ("4,888,086") or ("4,903,703") or ("4,908,805") or ("4,939,784") or ("4,991,148") or ("5,054,081") or ("5,095,509") or ("5,115,672") or	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 16:34

		("5,142,511") or ("5,153,859") or ("5,287,331")).PN.				
L22	30	(("5,317,543") or ("5,357,578") or ("5,392,358") or ("5,430,805") or ("5,487,114") or ("5,539,705") or ("5,638,456") or ("5,700,359") or ("5,767,609") or ("5,745,582") or ("5,758,177") or ("5,859,915") or ("5,885,129") or ("5,889,870") or ("5,892,315") or ("5,982,805") or ("6,011,855") or ("6,044,160") or ("6,108,427") or ("6,064,259") or ("6,151,398") or ("6,188,772") or ("6,229,899") or ("6,232,833") or ("6,304,662") or ("6,359,990") or ("6,378,010") or ("6,445,804") or ("6,556,687") or ("6,768,376")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 16:38
L23	33	(("6,859,096") or ("1,643,791") or ("3,012,107") or ("3,908,098") or ("3,961,291") or ("4,809,355") or ("5,748,758") or ("6,104,825") or ("6,108,433") or ("20020191808") or ("20020101360") or ("6,771,785") or ("5,662,190") or ("20010007591") or ("6,666,374") or ("6,584,205") or ("6,577,738") or ("3,641,421") or ("4,005,278") or ("4,265,122") or ("4,418,248") or ("4,429,194") or	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 16:44

		("4,432,079") or ("4,433,750") or ("5,181,301") or ("5,844,998") or ("4,994,687") or ("5,052,336") or ("4,166,197") or ("2,825,834")).PN.				
L24	168	sasaki-toru\$.in.	US-PGPUB; USPAT	OR	ON	2011/01/28 16:54
L25	57	24 and (speaker loudspeaker)	US-PGPUB; USPAT	OR	ON	2011/01/28 16:54
L26	3	24 and (speaker loudspeaker) same (ultra ultrasonic)	US-PGPUB; USPAT	OR	ON	2011/01/28 16:54
L27	7	("5159703").PN. OR ("6807281").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/28 16:56
L28	1	26 and (stereo stereophonic)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 17:35
L29	1	"6807281".pn. and (stereo stereophonic)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 17:36
L30	1	"6807281".pn. and (film piezo piezoelectr\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 17:52
L31	1	"6807281".pn. and (phase delay\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 17:59
L32	1	"6807281".pn. and (track\$4 mov\$3 movement target)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 18:03
S1	1	"5333200".pn. and (delay\$4 phase) same (c f g)	USPAT	OR	ON	2011/01/10 16:27
S2	1	"5333200".pn. and Schroeder	USPAT	OR	ON	2011/01/10 16:29
S3	1	10/575672.app.	US-PGPUB; USPAT	OR	ON	2011/01/28 10:21
S4	1	10/575672.app.	US-PGPUB; USPAT	OR	ON	2011/01/28 12:14
S5	1	S4 and isolated with (reflect\$4 reverberation)	US-PGPUB; USPAT	OR	ON	2011/01/28 12:15

EAST Search History (I nterference)

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